

## **Historic, Archive Document**

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**Ed. F. Mangelsdorf & Bro., Inc.**

**Wholesale Grass and Field Seeds**



**Saint Louis, Mo.**

U. S. Department of Agriculture,  
Bureau of Plant Industry,  
Fruit & Vegetable Crop & Diseases,  
Washington, D. C.



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**Market Quotations**







MISSOURI SEED PERMIT No. 12



## WHOLESALE FIELD AND GRASS SEEDS

WHOLESALE PRICES BELOW ARE TODAY'S VALUES, F. O. B. ST. LOUIS, FOR PROMPT SHIPMENT. ALL QUOTATIONS SUBJECT TO MARKET CHANGES. PRICES ARE FOR FULL BAGS. BROKEN BAGS HIGHER AND WE MAKE AN EXTRA FLAT CHARGE OF 15 CENTS FOR EACH PACKAGE OF 50 POUNDS OR LESS. PARCEL POST ORDERS 25 CENTS EACH EXTRA PLUS POSTAGE. BAGS NOT RETURNABLE. WE SELL TO DEALERS ONLY.

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ST. LOUIS, MO. Telephones *L.D. 94*  
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List No. 507

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

Jan. 28, 1941

### ALFALFA

	Per 100 Lbs.	Per 100 Lbs.
U. S. Verified Origin—Sealed. 5 Bags	Bag	
Seamless Bags Extra.	or More	Lots
True origin as stated.		
Kansas Alfalfa M Brand	\$19.00	\$19.50
Colorado “ “	18.50	19.00
Oklahoma-Kansas “ “	17.00	17.50
Oklahoma “ “	15.50	16.00
Approved Oklahoma “ “	16.00	16.50
Texas-Oklahoma “ “	14.00	14.50
Kansas M Brand Pioneer		

Northwestern (Hardy Origin) M Brand	19.00	19.50
Wyoming (Hardy Northern) “	19.00	19.50
Utah “	19.00	19.50
Montana “	20.00	20.50
Idaho “	20.00	20.50
Dakota #12, Nor. Dak. Grown	22.00	22.50
Cossack, Mont.-Wyo. M Brand	22.00	22.50
Cossack & Dak. 12 in Bu. Bags		

GRIMM ALFALFA	Bushel	Bags
	Per 100 lbs.	
Oklahoma Grimm M Brand	17.50	18.00
Kansas “ “	20.00	20.50
Nebraska “ “	21.00	21.50
Northwestern “ “	20.00	20.50
Montana “ “	21.00	21.50

### GRIMM—STATE SEALED, CERTIFIED

Bushel Bags		
Canadian, Sealed & Certified	26.00	26.50
Kansas Blue Tag	27.00	27.50
Idaho “ “	29.00	29.50
Utah “ “	28.00	28.50

All Grimm in Bushel Bags

INCLUDE INOCULATION, Order Group 1.

### SWEET CLOVER

Bags Extra.	Per 100 Lbs.	
White Blossom, M Brand	\$ 6.25	\$ 6.50
“ “ Fancy	5.50	5.75
Yellow Blossom, M Brand	6.00	6.25
Grundy County White, M Brand	7.00	7.25
Unhulled White Bloss. “ “	4.25	4.50
“ Yellow “ “	4.25	4.50
Hubam Annual White	13.50	14.00

INCLUDE INOCULATION, Order Group 1.

### RED CLOVER

Bags extra Domestic	Per 100 lbs.	
M Brand—Ill.-Mo. Grown	\$13.00	\$13.25
Fancy “ “	12.25	12.50
M Brand—Idaho Grown	14.00	14.25
Superfine “ “	14.50	14.75

### MAMMOTH RED CLOVER.

M Brand—Ill.-Mo. Grown	13.00	13.25
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INCLUDE INOCULATION, Order Group 2.

### ALSIKE CLOVER

Bags Extra	Per 100 lbs.	
M Brand	\$14.50	\$14.75
Fancy	13.75	14.00

INCLUDE INOCULATION, Order Group 2.

### LESPEDeza

Bags Incl. Bags Extra on Hulled.	Per 100 lbs.	
Korean, M Brand	\$5.50	\$5.75
“ Fancy	5.00	5.25
Korean Hulled, Scarified, M	6.50	6.75
Kobe, M Brand	13.50	13.75
SERICEA, Hulled M Brand	16.00	16.50
“ Unhulled	11.00	11.50

HULLED KOREAN—Goes Third Farther in Seeding. Very High Purity, Low Weeds.

INCLUDE INOCULATION, Order Group 3.

Wire or write for freight paid prices on carload or truckload quantities — straight or assorted items.

### CRIMSON CLOVER

Bags Extra. New Crop	Per 100 Lbs.	
M Brand, Domestic	\$12.00	\$12.50

INCLUDE INOCULATION, Order Group 2.

### WHITE DUTCH CLOVER

Bags Extra, per 100 lbs.	100 lbs.	25 lbs.	1 to 10 lbs.
Stocks Scarce	or More	or More	
M Brand			
Fancy	\$67.00	\$70.00	\$73.00

### VETCHES—Austrian Peas

Bags Incl., in 100 lb. bags.	Per 100 Lbs.	
Hairy Winter Vetch	\$10.00	\$10.25
Vetch Fumigated—Sealed		

### OAT GRASS

Tall Meadow Oat Grass	Per 100 Lbs.	
Pur. 83%, Germ. 80%, Some Noxious	\$14.00	\$15.00

SEMESAN—CERESAN—INOCULATION—STIM-U-PLANT [See Other Side]

### TIMOTHY

Bags Extra.	Per 100 Lbs.	
M Brand	\$5.25	\$5.50
Fancy	4.75	5.00
Choice	4.25	4.50
Timothy-Alsike Mixed 20% Alsike	6.50	6.75

### RED TOP

Bags Extra.	Per 100 lbs.	
M Brand (Pur. 92% or better)	\$10.00	\$10.25
Fancy “ 85% “ “	9.50	9.75
Choice “ 80% “ “	9.00	9.25
Superfine “ 97% “ “	11.00	11.25
Unhulled Redtop	5.00	5.50

### KY. BLUE GRASS

Bags Included. New Crop.	Per 100 Lbs.	
M Brand 21 lb.	\$18.50	\$19.00
Fancy 19 lb.	17.75	18.25
Superfine 24 lb.	20.00	20.50

Canada Blue Grass (Domestic)—Scarce.

Fancy—Free of Canada Thistle 22.00 22.50

### LAWN GRASS

MIXTURES	Attractive cloth bags printed in color
Prices per lb. For 100 lbs. or more	100-lb. 5-lb. 3-lb. 1-lb. Bags Bags Bags
M Brand, Finest Quality	18c 20c 21c 22½c
Greenvue, Good Quality	15c 17c 19c 20½c
Shady Spot	27c 29c 30c 31½c
Bent Grass Mixture	33c to 38c

SUPER-M Lawn Grass \$25.00 per 100 lbs. Finest quality, selected heavy high-germinating seed, lowest weed-content, correct proportions.

### OTHER LAWN GRASSES

Low prices apply full bags. Prices per lb.	
Bent Grass—State-sealed, Cert.	
Seaside, Blue Tag	@ 58c to 60c
“ Red “	@ 55c “ 58c
Astoria, Blue “	@ 62c “ 65c
“ Red “	@ 59c “ 62c
Chewings Fescue 99/90	@ 37c “ 40c
Poa Trivialis (For Shade) Fancy	@ 67c “ 70c

### RYE GRASS

Bags Included.	Per 100 Lbs.	
Domestic—M Brand	\$5.50	\$5.75
Purity 99%, germ. 90%, Noxious-free.		
Perennial, Domestic, Blue Tag	13.50	13.75
“ “ Yellow “	12.00	12.25

### BERMUDA GRASS

Bags Extra.	Per 100 Lbs.	
M Brand	\$17.00	\$17.50

### PASTURE MIXTURES

Per 100 lbs.	
100-lb. bags; jute bags included.	
M BRAND “9-in-1” — for fair to good land @	\$11.50
Contains nine good pasture types of grasses and clovers, including Blue Grass, Brome, Perennial Ryegrass, Sweet, Red and Alsike Clovers, Alfalfa, Redtop and Timothy.	
M BRAND “6-in-1” — for fair to poor land @	9.50
Contains six good pasture types of grasses and clover, including Korean Lespedeza, Timothy, Redtop, Orchard Grass, Blue Grass and Rye Grass.	
Sow Pasture Mixture 15 to 25 lbs. per acre.	

### MEADOW FESCUE

Per 100 lbs.	
(English Blue Grass) Bags Incl.	
Fancy—95/90	\$16.50 \$17.00

### ORCHARD GRASS

Bags Included.	Per 100 Lbs.	
M Brand	\$26.00	\$26.50
Fancy	23.00	23.50

### JOHNSON GRASS

Bags Included	Per 100 Lbs.	
Fancy, Recl.	\$5.75	\$6.00

### BROME GRASS (Bromus Inermis)

Bags Incl.	Per 100 Lbs.	
Certified Canada #1	\$16.00	\$16.50
M Brand Canada #1	15.00	15.50
Fancy, Domestic—87/88	14.00	14.50
Sow 20 lbs. acre. Excellent pasture, very leafy, tender, palatable. Good for hay. Adapted to wide range soils. Resistant to extremes of cold and drought. Grows 2 to 3 feet high.		

### REED CANARY GRASS

M Brand	Per 100 Lbs.	
Small Lots 20c lb.	\$16.50	\$17.00

### WHEAT GRASS

Crested—Fairway Strain	Per 100 Lbs.	
Sealed, Certified.	\$14.00	\$14.50

### SUDAN

Bags Included.	Per 100 Lbs.	
M Brand, (Johnson Free)	\$4.00	\$4.25

### BUCKWHEAT

Bags Incl.	Per 100 lbs.	
Recleaned	\$2.10	\$2.25

### FODDER CANE

Bags Included.	Per 100 lbs.	
Black Amber	\$2.75	\$2.90
Orange	2.75	2.90
Redtop or Sumac	2.75	2.90
Mixed	2.50	2.65

### MILLET

Bags Extra.	Per 100 Lbs.	
Kansas German, M Brand	3.00	3.25
Tenn. Cultivated “	3.50	3.75
Japanese Millet “	5.00	5.25

### MILLET—FEEDING TYPES

Bags Included.	Per 100 Lbs.	
Hog or Large Yellow	1.90	2.00
Early Fortune (Red)	1.60	1.70

### ATLAS SORGO, Etc.

Bags Included.	Per 100 Lbs.	
Uncertified, Atlas	2.50	2.65
State Sealed & Cert., Atlas	3.25	3.40
Hegari	2.75	2.90
Kaffir Corn, Sunrise	2.75	2.90
Grohoma	2.75	2.90
Feterita	3.00	3.25

### COWPEAS

Bags Incl.	Per Bushel	
Mixed	Ask	
Whip Mixed	for	
New Era	Prices	

### SOYBEANS

Bags Incl.	Per Bushel	
Virginia		
Black Wilson	Ask	
Kingwa (Black)	for	
Black Ebony	Prices	
Illini (Yellow)		

### RAPE SEED

Bags Included.	Per 100 Lbs.	
Dwarf Essex, recleaned	\$16.00	\$16.50
Bird Rape (Feed Only)	9.00	9.50

### SUNFLOWER

Bags included.	Per 100 Lbs.	
Polly or Superfine, Weevil-free	5 bags or More \$7.00	Bag Lots \$7.25
Fancy, Local Grown	5.50	5.75
Poultry, “	4.75	5.00

### POPCORN

Bags included. 100-lb. bags.	Per 100 Lbs.	
	5 bags or More	Bag Lots

### SO. AMERICAN LARGE YELLOW

EMBRO (Specially Selected, Highest Popping Test)	\$4.50	\$4.75
Jap. Hull-less (White)	5.25	5.50
Black Beauty	6.00	6.25
S. A. Yellow—For planting	7.75	8.00

### INOCULATION

See other side for prices. Sell inoculation with all legumes; Alfalfa, Sweet, Red, Alsike Clovers. Lespedeza, Soybeans, Cowpeas.

Promotes better stands, better yields. Low acre cost; easy to use. Profitable to dealer. Note new low cost big packages for Soybeans and Cowpeas.

### OATS—BARLEY

Bags Incl.	Per Bushel	
Columbia Seed Oats, M Brand	\$0.61	\$0.67
Wisc. 38 Seed Barley “	1.00	1.10

### SEED CORN Open Pollinated

2½-bu. bags. Bags included. Hand-selected, butted and tipped, Mo.-Grown.	5 Bags or More	Bag Lots
Reid's Yellow Dent, M Brand	\$1.50	\$1.60
Leaming Yellow, “	1.50	1.60
Silver Mine, “	1.50	1.60
White Dent, “	1.50	1.60
Red Cob St. Chas. White, “	1.50	1.60

### HYBRID SEED CORN

Bushel bags included.		
U. S. 13 (Not Cert.) M Brand	4.50	4.75
“ “ (Certified) “	5.00	5.25
Mo. No. 8 “	4.25	4.50
“ No. 47 “	4.50	4.75
Our own XX-1 “	4.50	4.75
Ill. No. 200 (Certified)	5.00	5.25
“ No. 784 “	5.00	5.25
“ No. 877 “	5.00	5.25
Ill. No. 960 (1939-crop)	2.75	2.90
(All above regular flats or edge-drop).		

### BIRD SEEDS

Bags Included.	Per 100 Lbs.	
Canary, Recleaned	\$ 4.25	
Hemp, “ (Devitalized)	8.50	
Rape, Large Dwarf Essex	16.50	
“ Bird, Small	9.50	
Bird Seed, Ready Mixed	7.50	
Canada Field Peas	4.75	
Polly Sunflower, Weevil-free, Superfine	7.25	
Millet, Large Red, Fancy	1.80	
“ “ Yellow “	2.00	
Flax, Whole	5.50	
Bird Thistle	13.00	
“ Lettuce	13.00	
Pepper Grass	4.00	
Wild Bird Mixture	3.50	

### Recleaned for Feed Mixing. Per 100 Lbs.

Early Fortune Red Millet	\$1.60 to \$1.70
Yellow Hog (Proso) “	1.90 to 2.00
Kaffir Corn, Feed	1.50 to 1.60
Milo Maize, “	1.50 to 1.60

### SEAMLESS BAGS (New)

Full 16 oz. 100 bags per bale.	10 Bales	1 Bale
Fulton “A” New	\$27.00	\$27.25
Bemis “A” “	27.00	27.25
Royal River “	26.00	26.25

### CLIPPER SEED CLEANERS

No. 2B, Large Size, 12 screens	\$40.00 ea.
No. 1B, Small Size, 12 screens	35.00 ea.

Equipped for hand or power use.

### PEAT MOSS

Prices per Bale.	25 Bales or More	10 Bales or More	Bale Lots
Horticultural, Canadian	\$3.10	\$3.25	\$3.35
Poultry Litter, Swedish	3.00	3.10	3.25

*“Better Seeds Better Crops”*ORDER CARD  
REQUIRES NO POSTAGE*M Brand Seeds Are Selected for Quality*

GENTLEMEN:

DATE:

YOU MAY SHIP US VIA

THE FOLLOWING:

QUANTITY	KIND OF SEED	GRADE OR QUALITY

TERMS CASH. NO DISCOUNT. SUBJECT TO DEMAND DRAFT

SELECTED  
FIELD SEED  
ST. LOUIS

YOUR NAME

ADDRESS

BE SURE TO GIVE YOUR NAME AND ADDRESS





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Saint Louis,  
Mo.

# M BRAND INOCULATION

Humus Culture for Legumes

	Dealer Price	Size	Retail Price
Group 1 — Alfalfa, Sweet Clover	\$ .18	1/2-bu.	\$ .25
Group 2 — Red, Alsike, Crimson Clover	.27	1-bu.	.40
	.36	100-lb.	.60
	.48	2 1/2-bu.	.80
Group 3 — Lespedeza	.18	1-bu.	.25
Figure 40 lbs. to bu. Use twice	.27	2-bu.	.40
amount for hulled.	.48	5-bu.	.80
Group 4 — Vetches, Austrian Peas, Garden & Canning Peas.	.15	1/2-bu.	.25
	.22	1-bu.	.35
	.32	100-lb.	.55
	.93	5-bu.	1.50
	2.00	12 1/2-bu.	3.50
Group 5 — Cowpeas	.12	1-bu.	.20
Group 6 — Soybeans	.20	2-bu.	.30
	.30	5-bu.	.55
	.60	10-bu.	1.05
	1.40	25-bu.	2.50
	1.75	*6-5's	3.00

\*The 6-5's may be sold as one 30-bu. unit, or opened and sold as 6 separate 5-bu. pkgs.

# STIM-U-PLANT

CONCENTRATED PLANT FOOD IN TABLET FORM  
FOR POTTED PLANTS, SMALL GARDENS, SHRUBBERY

No. per Package	Packages Per Carton	Dealer Price Per Carton	Dealer Price Per Package	Retail Price Per Package
10 Tablets	10	\$0.60	\$0.06	\$0.10
30 Tablets	10	1.50	.15	.25
100 Tablets	.....	.....	.45	.75
500 Tablets	.....	.....	1.50	2.50
1000 Tablets	.....	.....	2.10	3.50

# McQUEEN'S INOCULATION

Humus Culture

	Dealer Price	Size	Retail Price
Group 1 — Alfalfa, Sweet Clover	\$0.18	1/2-bu.	\$0.25
Group 2 — Red, Alsike, Crimson Clover	.27	1-bu.	.40
	.48	2 1/2-bu.	.80
Group 3 — Lespedeza	.18	1-bu.	.25
Figure 40 lbs. to bu. Use twice	.27	2-bu.	.40
amount for hulled.	.48	5-bu.	.80
Group 4 — Vetches, Austrian Peas, Garden & Canning Peas.	.15	1-bu.	.25
	.22	2-bu.	.40
	.32	100-lb.	.55
	.93	5-bu.	1.50
	2.50	*25-bu.	5.00

\*25-bu. size contains 5 plain inner cartons, each for 5-bu.  
\*50-bu. size contains 10 printed inner cartons, each for 5-bu. Soybeans (Soybeans only)

# CYANOOGAS G-FUMIGANT

Size	Dealer Price	Retail Price	Per Case Packing
4 oz.	\$ 0.20 each	\$ 0.30 each	1 doz.
5 lb.	2.10	3.00	20
25 lb.	7.50	10.00	4
100 lb.	20.00	25.00	1

# CYANOOGAS A-DUST

Size	Dealer Price	Retail Price	Per Case Packing
1/2 lb.	\$ .30 each	\$ .45 each	8 doz.
1 lb.	.50	.75	4
5 lb.	2.10	3.00	20 cans
25 lb.	7.50	10.00	4
100 lb.	20.00	25.00	1

# SEED CHART

## SEMESAN

Seed Disinfectants  
CERESAN New Improved For Wheat, Barley and Oats. Easily and quickly applied. One pound treats 32 bushels.

Retain	Dealer Price	Packages Per Case
1 1/2-oz. pkt.	\$ 0.13	12 doz.
5-lb. "	3.00	1 doz.
25-lb. "	12.50	1 doz.
100-lb. D.	45.00	1 doz.

## SEMESAN, JR. New Improved

Disinfectant for Seed Corn. One pound treats 8 Bushels.  
1 1/2-oz. pkt. \$ 0.13 12 doz.  
5-lb. " 3.00 1 doz.  
25-lb. " 12.50 1 doz.  
100-lb. D. 45.00 1 doz.

## SEMESAN BEL New Improved

Disinfectant for seed potatoes (1 pound treats 60 to 80 Bushels.)  
2-oz. pkt. \$ 0.25 12 doz.  
5-lb. " 6.50 1 doz.  
25-lb. " 25.00 1 doz.  
100-lb. D. 90.00 1 doz.

## SEMESAN — A General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.

Size	Dealer Price	Packages Per Case
1 1/2-oz. pkt.	\$ 0.10	12 doz.
5-lb. "	3.00	1 doz.
25-lb. "	13.25	1 doz.
100-lb. D.	45.00	1 doz.

## REGULAR CERESAN — For Cotton, Millets Sorghums. One pound treats 5 to 8 Bushels.

Size	Dealer Price	Packages Per Case
1 1/2-oz. pkt.	\$ 0.10	12 doz.
5-lb. "	3.00	1 doz.
25-lb. "	13.25	1 doz.
100-lb. D.	45.00	1 doz.

POSTAGE  
WE  
PAY  
THE  
CARD  
ON  
THIS  
POST  
ORDER  
YOUR  
MAIL  
AND  
DETACH

SEED	WEIGHT PER BU.	POUNDS PER ACRE	TIME OF SEEDING
ALFALFA	60	15-20	MARCH - MAY - AUGUST - SEPTEMBER
ALSIKE CLOVER	60	6-10	JANUARY - APRIL - AUGUST - OCTOBER
ATLAS SORGO	56	20-30	APRIL - JULY
BARLEY	48	72-96	MARCH - APRIL - SEPTEMBER
BERMUDA GRASS	40	5-10	MARCH - JUNE
BLUE GRASS (LAWNS - 1 LB. 200 SQ. FT.)	14	30-40	FEBRUARY - JUNE - AUGUST - OCTOBER
BROME GRASS	14	15-25	FEBRUARY - APRIL - AUGUST - OCTOBER
BUCKWHEAT	48	48-60	MAY - JULY
CANE FODDER	56	50-65	MAY - JULY
CORN FIELD	56	7-10	MAY - JULY
ENSLAGE	56	30-35	MAY - JULY
CLOVER, ALSIKE	60	6-10	JANUARY - APRIL - AUGUST - OCTOBER
BUR (HULLED)	60	15-20	AUGUST - NOVEMBER
CRIMSON	60	15-20	JULY - OCTOBER
RED	60	10-12	JANUARY - APRIL - AUGUST - OCTOBER
SWEET (UNHULLED)	60	15-25	JANUARY - APRIL - AUGUST - OCTOBER
WHITE (LAWNS - 1 LB. 400 SQ. FT.)	40	25-40	NOVEMBER - FEBRUARY
COWPEAS (DRILLED)	60	45-70	FEBRUARY - JUNE - AUGUST - OCTOBER
GROHOMA	56	20-30	APRIL - JULY
JOHNSON GRASS	28	20-30	APRIL - JULY
KAFIR CORN - MILQ MAIZE - HEGARI	56	20-30	MAY - JULY
LAWN GRASS (LAWNS - 1 LB. 200 SQ. FT.)	14	15-20	FEBRUARY - APRIL - AUGUST - OCTOBER
LESPEDEZA, KOREAN (MEASURED BU 45 LBS.)	25	15-25	FEBRUARY - MAY
MEADOW FESCUE (ENGLISH BLUE GRASS)	60	10-15	FEBRUARY - MAY
MILLETT, GERMAN	24	25-35	MARCH - MAY - AUGUST - SEPTEMBER
HUNGARIAN	50	40-50	MAY - JULY
JAPANESE	48	40-50	MAY - JULY
OATS	35	25-40	MAY - JULY
ORCHARD GRASS	32	50-75	MARCH - MAY
PASTURE MIXTURE	14	20-25	MARCH - MAY
RAPE, DWARF ESSEX	25	25-35	MARCH - JUNE
REDTOP, SOLID (MEASURED BU 32 LBS.)	56	6-10	APRIL - SEPTEMBER
UNHULLED	14	8-12	FEBRUARY - JUNE - AUGUST - OCTOBER
REED CANARY GRASS	14	20-30	FEBRUARY - JUNE - AUGUST - OCTOBER
RYE WINTER	56	60-90	FEBRUARY - APRIL - AUGUST - SEPTEMBER
RYE GRASS	24	25-35	FEBRUARY - JUNE - AUGUST - OCTOBER
SOYBEANS (DRILLED)	60	30-60	MAY - AUGUST
SUDAN GRASS	40	15-30	APRIL - JULY
SUNFLOWER	22	3-6	MAY - JULY
TIMOTHY	45	8-12	FEBRUARY - MAY - AUGUST - NOVEMBER
VETCH, HAIRY WINTER	60	30-50	AUGUST - NOVEMBER

## OUR NEW ST. LOUIS PLANT

Convenient location: just south of Municipal (Free) Bridge—near truck depots, railroads, wholesale district—out of congested area. Ample truck-loading space—**off the street**—with free parking lot. Two entrances—Fourth or Third St.—to platform which can serve 22 trucks at a time.

Railroad trackage alongside building. Bulk unloading provided for. Building contains 125,000 square feet. Newest types cleaning machinery, with arrangement for quick, efficient, economical handling and cleaning of seeds.

Large, modern, daylight seed-testing laboratory to control buying, cleaning and preparation of seeds to meet and surpass requirements of the Federal and various State seed laws.

St. Louis is close to the producing territory of a wide assortment of Grasses, Clovers, Beans, Peas and Forage seeds, enabling us to offer first-hand and at low prices.

In addition, we operate our large cleaning and storage plant at Atchison, Kansas, for handling and cleaning seeds originating in that area and the West. Atchison is in the northeast corner of Kansas, just across the Missouri line, in the center of the Blue Grass producing districts of Missouri, Kansas, Iowa and Nebraska.

**ED. F. MANGELSDORF & BRO., INC.**  
1020 SOUTH FOURTH STREET  
**ST. LOUIS**

Wholesale Only. Under same management in St. Louis since 1919.

